

FAG

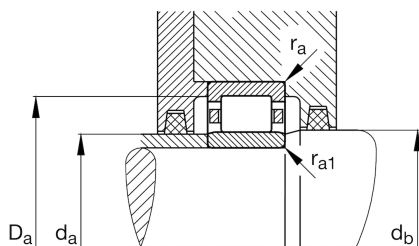
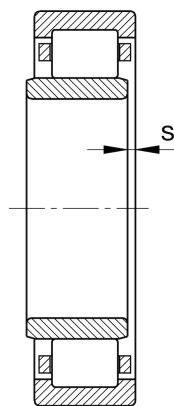
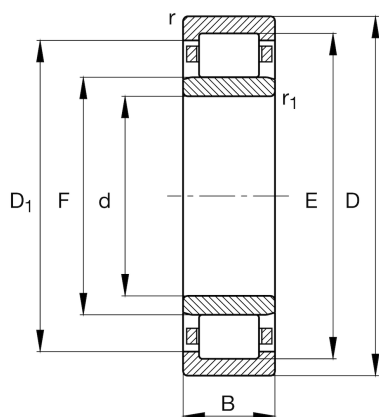
NU1044-M1

Cylindrical roller bearing

Schaeffler ID:
0167373930000

Cylindrical roller bearing NU..-M1, with cage, single row, non-locating bearing, 2 ribs on outer ring, 0 ribs on inner ring (smooth), type NU

Technical information



Main Dimensions & Performance Data

d	220 mm	Bore diameter
D	340 mm	Outside diameter
B	56 mm	Width
C_r	510.000 N	Basic dynamic load rating, radial
C_{0r}	770.000 N	Basic static load rating, radial
C_{ur}	69.000 N	Fatigue load limit, radial
n_G	3.150 1/min	Limiting speed
n_{gr}	2.040 1/min	Reference speed
	17,4 kg	Weight

Dimensions

r_{min}	3 mm	Minimum chamfer dimension
$r_{1 min}$	3 mm	Minimum chamfer dimension
s	6,2 mm	Axial displacement
E	310 mm	Raceway diameter outer ring
F	250 mm	Raceway diameter inner ring
$D_{1 min}$	298,9 mm	Minimum rib diameter outer ring

Mounting dimensions

$d_{a min}$	232 mm	Minimum diameter shaft shoulder
$d_{a max}$	248 mm	Maximum diameter of shaft shoulder
$d_{b min}$	254 mm	Minimum shaft shoulder
$D_{a max}$	328 mm	Maximum diameter of housing shoulder
$r_{a max}$	2,5 mm	Maximum recess radius
$r_{a1 max}$	2,5 mm	Maximum recess radius

Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	150 °C	Operating temperature max.